

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/003578

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01F7/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 12 55 098 B (INST CHEMII OGOLNEJ) 30 November 1967 (1967-11-30) the whole document	1-5
A	DE 11 89 368 B (RICHARD FRISSE MASCHINENFABRIK) 18 March 1965 (1965-03-18) the whole document	1-5
A	US 5 791 779 A (SMITH SR ROBERT J) 11 August 1998 (1998-08-11) abstract; figures 1,4	1-5
A	US 4 775 239 A (MARTINEK RUDOLF ET AL) 4 October 1988 (1988-10-04) abstract; figures 1,2	1-5
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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A document defining the general state of the art which is not considered to be of particular relevance

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

29 June 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 397 894 A (KRAUSE ULRICH ; KRAUSE PETER (DE)) 22 November 1990 (1990-11-22) the whole document	1-5
A	DE 29 394 C (BRUNO WEIBEZAHN) 22 February 1884 (1884-02-22) the whole document	1-5
A	PATENT ABSTRACTS OF JAPAN vol. 0124, no. 21 (C-541), 8 November 1988 (1988-11-08) & JP 63 151341 A (YASUNORI OBARA), 23 June 1988 (1988-06-23) abstract	1-5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2004/003578

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 1255098	B	30-11-1967	FR , NL 1159450 A 291577 A	27-06-1958
DE 1189368	B	18-03-1965	NONE	
US 5791779	A	11-08-1998	NONE	
US 4775239	A	04-10-1988	DE 3543745 A1 AT 66383 T DE 3681006 D1 EP 0229328 A1 ES 2025554 T3 JP 1721573 C JP 4008096 B JP 62140633 A	19-06-1987 15-09-1991 26-09-1991 22-07-1987 01-04-1992 24-12-1992 14-02-1992 24-06-1987
EP 0397894	A	22-11-1990	EP 0397894 A1 DD 293736 A5	22-11-1990 12-09-1991
DE 29394	C		NONE	
JP 63151341	A	23-06-1988	NONE	